

COMBINED DECLARATION AND POWER OF ATTORNEY  
FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my  
name,

I believe I am an original, first, and joint inventor of the subject matter which is  
claimed and for which a patent is sought on the invention entitled STIMULUS SENSITIVE  
GEL WITH RADIOISOTOPE AND METHODS OF MAKING, the specification of which

☐ is attached hereto.

☒ was filed on 4/10/98 as  
Application Serial No. 09/058,712

☐ and was amended on \_\_\_\_\_  
(if applicable)

☐ with amendments through \_\_\_\_\_  
(if applicable)

I hereby state that I have reviewed and understand the contents of the above-  
identified specification, including the claims, as amended by any amendment referred to  
above.

I acknowledge the duty to disclose information which is material to the  
patentability of this application in accordance with Title 37, Code of Federal Regulations,  
Sec. 1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, Sec.  
119 of any foreign application(s) for patent or inventor's certificate listed below and have  
also identified below any foreign  
application for patent or inventor's certificate having a filing date before that of the  
application on which priority is claimed:

☒ no such applications have been filed

☐ such applications have been filed as follows

Prior Foreign Application(s)

Priority  
Claimed

NONE

_____ (Number)	_____ (Country)	_____ (Day/Month/Year Filed)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
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_____ (Number)	_____ (Country)	_____ (Day/Month/Year Filed)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
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I hereby claim the benefit under Title 35, United States Code, Sec. 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Sec. 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Sec. 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

NONE

_____ (Application Serial No.)	_____ (Filing Date)	_____ (Status - patented, pending, abandoned)
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_____ (Application Serial No.)	_____ (Filing Date)	_____ (Status - patented, pending, abandoned)
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I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application, to file a corresponding international application, and to transact all business in the Patent and Trademark Office connected therewith:

Douglas E. McKinley, Jr., Registration No. 40,280  
Stephen R. May, Registration No. 29,255

Address all correspondence to:

Stephen R. May K1-53  
Intellectual Property Services  
Battelle Memorial Institute  
Pacific Northwest Division  
Post Office Box 999  
Richland, WA 99352

Direct all phone calls to him at (509) 375-2387

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of first joint inventor Richard E. Weller

Inventor's signature Richard E. Weller January 7, 2000  
Date

Residence Selah, WA 98942

Citizenship U.S.A.

Post Office address 50 Herlou Place, Selah, WA 98942

Full name of second joint inventor Michael A. Lind

Inventor's signature \_\_\_\_\_  
Date

Residence Kent, WA 98031

Citizenship U.S.A.

Post Office address 12302 S. E. 237th Place, Kent, WA 98031

Full name of third joint inventor Darrell R. Fisher

Inventor's signature

Darrell R. Fisher

November 23, 1999  
Date

Residence Richland, WA 99352

Citizenship U.S.A.

Post Office address 229 Saint, Richland, WA 99352

Full name of fourth joint inventor Anna Gutowska

Inventor's signature

Anna Gutowska

Nov. 23, 99  
Date

Residence Richland, WA, 99352

Citizenship U.S.A.

Post Office address 450 Mateo Court, Richland, WA 99352

Full name of fifth joint inventor Allison A. Campbell

Inventor's signature

[Signature]

11/11/99  
Date

Residence Kennewick, WA 99337

Citizenship U.S.A.

Post Office address 1515 W. 16th Ave., Kennewick, WA 99337

PATENT  
File No. E-1507

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☒ no such applications have been filed

☐ such applications have been filed as follows

09853607-051004  
FOOTNOTES 2025860

## Prior Foreign Application(s)

Priority  
Claimed

NONE

<u>                    </u>	<u>                    </u>	<u>                    </u>	<input type="checkbox"/>	<input type="checkbox"/>
(Number)	(Country)	(Day/Month/Year Filed)	Yes	No
<u>                    </u>	<u>                    </u>	<u>                    </u>	<input type="checkbox"/>	<input type="checkbox"/>
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NONE

<u>                    </u>	<u>                    </u>	<u>                    </u>
(Application Serial No.)	(Filing Date)	(Status - patented, pending, abandoned)
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Intellectual Property Services  
Battelle Memorial Institute  
Pacific Northwest Division  
Post Office Box 999  
Richland, WA 99352

Direct all phone calls to him at (509) 375-2387

09853607-051001

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

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Inventor's signature \_\_\_\_\_

Date

Residence Selah, WA 98942

Citizenship U.S.A.

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Inventor's signature Michael A. Lind

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Date

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Inventor's signature \_\_\_\_\_

Date

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Post Office address 229 Saint, Richland, WA 99352

Full name of fourth joint inventor Anna Gutowska

Inventor's signature \_\_\_\_\_

Date

Residence Richland, WA, 99352

Citizenship U.S.A.

Post Office address 450 Mateo Court, Richland, WA 99352

Full name of fifth joint inventor Allison A. Campbell

Inventor's signature \_\_\_\_\_

Date

Residence Kennewick, WA 99337

Citizenship U.S.A.

Post Office address 1515 W. 16th Ave., Kennewick, WA 99337

00553070955360



ASSIGNMENT

Richard E. Weller  
Michael A. Lind  
Darrell R. Fisher  
Anna Gutowska  
Allison A. Campbell

to

Battelle Memorial Institute

WHEREAS we, Richard E. Weller, of Selah, in the County of Yakima, and State of Washington; Michael A. Lind of Kent, in the County of \_\_\_\_\_, and State of Washington; Darrell R. Fisher of Richland, in the County of Benton, and State of Washington; Anna Gutowska of Richland, in the County of Benton, and State of Washington; Allison A. Campbell of Kennewick, in the County of Benton, and State of Washington, have made certain inventions in STIMULUS SENSITIVE GEL WITH RADIOISOTOPE AND METHODS OF MAKING, for which we are about to make application for Letters Patent of the United States; and

WHEREAS Battelle Memorial Institute, a corporation of Ohio, organized and existing under the laws of the State of Ohio, and having a place of business in the City of Richland, Washington, is desirous of acquiring an interest in the said invention and in any patent or patents to be obtained therefor;

NOW, THEREFORE, To All Whom It May Concern, be it known that, for and in consideration of the sum of One Dollar (\$1.00) each, and other good and valuable considerations, the receipt of which is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto the said Battelle Memorial Institute, the entire right, title, and interest in and to the invention shown, described, or claimed therein, and the full and exclusive right and title to the said application, executed by us on the ~~7<sup>th</sup>~~ day of April, 1998, preparatory to obtaining Letters Patent of the United States therefor; and in and to any extensions, reissues, divisions, or renewals thereof; and we do hereby authorize and request the Commissioner of Patents or other proper Officer, to issue such Letters Patent, or any of them, to the said Battelle Memorial Institute, as the assignee of our entire right, title, and interest in and to the same for the sole use and benefit of the said Battelle Memorial Institute, and its successors or assigns.

And we further covenant and agree that we will, at the request and expense of the said Battelle Memorial Institute, execute such other and further assurances of title as may be necessary or proper to fully convey the interest herein sought to be conveyed; that we will, at the request and expense of the said Battelle Memorial Institute, execute such application papers as may be desired by the said Battelle Memorial Institute, for the filing of any division or renewal of the application herein conveyed, or for reissues or extensions, of any Letters Patent that may be granted upon said application, and will execute such Supplemental Oaths and Preliminary Statements, or other papers as desired by the said Battelle Memorial Institute.

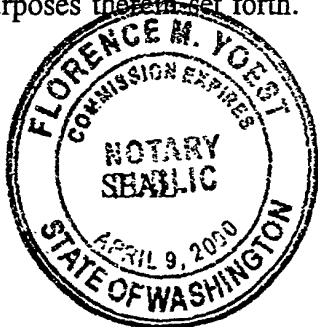
And we further assign unto the said Battelle Memorial Institute, the whole right, title, and interest to the invention disclosed in the application throughout all countries foreign to the United States, and do hereby authorize the said Battelle Memorial Institute to apply for patents therefor in its own name in countries where such procedure is proper and to claim the benefit of the International Convention and do agree to execute applications for the said invention in the several countries where it is necessary that the same be executed by the inventors, and to execute assignments of such applications and the patents to be obtained therefor to the said Battelle Memorial Institute, the assignee herein, as well as all other necessary papers.

IN TESTIMONY WHEREOF I have hereunto set my hand and affixed my seal at Richland, Washington, this 7<sup>th</sup> day of April, 1998.

Richard E. Weller  
Richard E. Weller

STATE OF WASHINGTON     )  
  ) ss.  
COUNTY OF BENTON     )

This 7<sup>th</sup> day of April, 1998, before me a Notary Public in and for the County aforesaid, personally appeared **Richard E. Weller**, personally known to me and known to be the person described in and who executed the foregoing assignment and acknowledged the same to be his voluntary act and deed, and that he executed the same for the uses and purposes therein set forth.



Florence M. Yoest  
Ha-M. Metcalf Florence M. YOEST  
Notary Public  
Commission Expires 12/20/98  
04/09/00

IN TESTIMONY WHEREOF I have hereunto set my hand and affixed my seal  
at Richland, Washington, this \_\_\_\_\_ day of April, 1998.

\_\_\_\_\_  
Michael A. Lind

STATE OF WASHINGTON     )  
                                      ) ss.  
COUNTY OF                     )

This \_\_\_\_\_ day of April, 1998, before me a Notary Public in and for the County  
aforesaid, personally appeared **Michael A. Lind**, personally known to me and known to be  
the person described in and who executed the foregoing assignment and acknowledged the  
same to be his voluntary act and deed, and that he executed the same for the uses and  
purposes therein set forth.

SEAL

\_\_\_\_\_  
Notary Public  
Commission Expires

IN TESTIMONY WHEREOF I have hereunto set my hand and affixed my seal  
at Richland, Washington, this 3rd day of April, 1998.

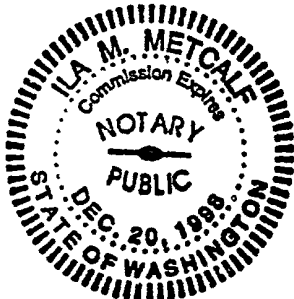
*Darrell R. Fisher*  
Darrell R. Fisher

STATE OF WASHINGTON     )  
                                      ) ss.  
COUNTY OF BENTON         )

This 3rd day of April, 1998, before me a Notary Public in and for the County  
aforesaid, personally appeared **Darrell R. Fisher**, personally known to me and known to be  
the person described in and who executed the foregoing assignment and acknowledged the  
same to be his voluntary act and deed, and that he executed the same for the uses and  
purposes therein set forth.

SEAL

*Ila M. Metcalf*  
Ila M. Metcalf  
Notary Public  
Commission Expires 12/20/98



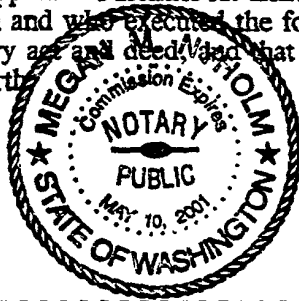
Seattle IN TESTIMONY WHEREOF I have hereunto set my hand and affixed my seal  
at Richland, Washington, this 6<sup>th</sup> day of April, 1998.

Michael A. Lind  
Michael A. Lind

STATE OF WASHINGTON )  
 ) ss.  
COUNTY OF King )

This 6<sup>th</sup> day of April, 1998, before me a Notary Public in and for the County  
aforesaid, personally appeared Michael A. Lind, personally known to me and known to be  
the person described in and who executed the foregoing assignment and acknowledged the  
same to be his voluntary act and deed, and that he executed the same for the uses and  
purposes therein set forth.

SEAL



Megan M. Metcalf  
Notary Public  
Commission Expires May 10, 2001

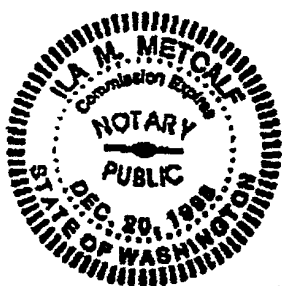
IN TESTIMONY WHEREOF I have hereunto set my hand and affixed my seal  
at Richland, Washington, this 3rd day of April, 1998.

Darrell R. Fisher  
Darrell R. Fisher

STATE OF WASHINGTON )  
 ) ss.  
COUNTY OF BENTON )

This 3rd day of April, 1998, before me a Notary Public in and for the County  
aforesaid, personally appeared Darrell R. Fisher, personally known to me and known to be  
the person described in and who executed the foregoing assignment and acknowledged the  
same to be his voluntary act and deed, and that he executed the same for the uses and  
purposes therein set forth.

SEAL

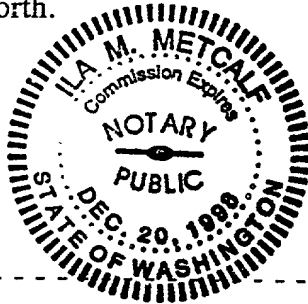


Ila M. Metcalf  
Ila M. Metcalf  
Notary Public  
Commission Expires 12/20/98

Table 1. Demographic characteristics of the study population	
Age (years)	65.5 ± 1.2
Gender	
Male	50.0%
Female	50.0%
Education (years)	12.5 ± 0.5
Marital status	
Married	60.0%
Single	40.0%
Occupation	
Retired	70.0%
Working	30.0%
Income (USD/month)	1,200 ± 100
Health status	
Good	65.0%
Fair	35.0%
Poor	0.0%
Comorbidities	
Hypertension	45.0%
Diabetes	30.0%
Cholesterol	20.0%
Smoking status	
Smoker	15.0%
Non-smoker	85.0%

STATE OF WASHINGTON )  
COUNTY OF BENTON ) ss.

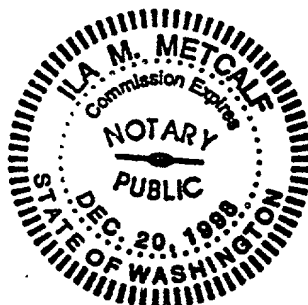
SEAL



  
Allison A. Campbell

STATE OF WASHINGTON) ) ss.  
COUNTY OF BENTON )

SEAL



Ila M. Metcalf  
Ila M. Metcalf  
Notary Public  
Commission Expires 12/20/98